

A CATALOGUE OF THE GENUS *LIXUS* F. FOR AMERICA NORTH OF MEXICO (COLEOPTERA: CURCULIONIDAE)<sup>1</sup>

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## ABSTRACT

A catalog is presented for 28 species of *Lixus* of U. S. and Canada. Synonymy and distribution are given.

## INTRODUCTION

The genus *Lixus* is represented in America north of Mexico by 28 valid species. Members of this genus are medium sized, elongated, cylindrical weevils of usually reddish brown, gray or black appearance, and are stem-borers in long-stemmed plants. About 560 species are known for the world (Csiki, 1934).

The format used herein is similar to that planned for use in the projected Catalog of North American Coleoptera. Under each name, the following items are given: author, date, page number, type locality, synonymical notes, and with distribution listed state by state after each valid name. The type locality is the first state, province, area or locality given and is set off by a semicolon.

Abbreviations used for states are those of the U. S. Postal System. The following abbreviations have been devised for the Canadian provinces listed: Alberta—AB; British Columbia—BC; Manitoba—MB; Northwest Territory—NT; Ontario—ON; Quebec—QB; Saskatchewan—SK.

## LIXUS FABR.

*Lixus* Fabricius, 1801:498. Type-species: *Curculio paraplecticus* Linnaeus, 1758. (Latreille, 1810:430. Subseq. design.)

*amplexus* Casey, 1891:199. FL; SC.

*mephitis* Chittenden 1930:23. SC, Myrtle Beach. (N. Syn.)

*asper* LeConte, 1876:156. CA, Owens Valley; AZ.

*aspericollis* Chittenden, 1930:3. KS, Garden City; IL, KS.

*buchanani* Chittenden, 1930:16. IA, Lake Okobojo; MO.

*caudifer* LeConte, 1876:156. IL; BC, IL, MB.

*concauus* Say, 1831:14. IN; AR, CO, CT, DC, DE, GA, IA, IL, IN, KS, KY, MA, MD, MI, MN, MO, MS, MT, NB, NC, ND, NJ, NY, OH, OK, PA, SC, TX, UT, VA.

*rectus* LeConte, 1876:158. NY.

*soror* Casey, 1891:204. MT, Helena. (N. Syn.)

*crassulus* Notman, 1920:31. NY, Schoharie. (N. Syn.)

*coloradensis* Chittenden, 1930:4. CO. (N. Syn.)

*fossus* LeConte, 1876:416. FL, Enterprise; LA, MS, NJ, NY, SC, TX.

*luculentus* Casey, 1891:209. FL, Lake Worth. (N. Syn.)

*pusio* Blatchley, 1928:250. FL, Dunedin. (N. Syn.)

*plucheae* Chittenden, 1930:17. TX, Brownsville. (N. Syn.)

*fossus ocellatus* Chittenden, 1930:18. NY, Coney Is.

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- julichii* Casey, 1891:208. NJ; DC, IL, NJ, NY, PA, VA.
- laramiense* Casey, 1891:204. WY; AB, CO, IA, MA, NH, NJ, UT, WY.  
*bischoffi* Fall, 1921:40. NJ, Berkeley Hts. (N. Syn.)
- macer* LeConte, 1876:160. NB; CO, DC, IA, ID, IL, IN, KS, LA, MD, MI, MO, NB, NC, OH, OK, ON, OR, TX, UT, VA, WI. (Resurrected name)  
*fimbriolatus* of authors, not Boheman, 1836.  
*novellus* Blatchley, 1925:101. IN, Steuben Co. (N. Syn.)  
*capitatus* Chittenden, 1930:19. MD, Chevy Chase. (N. Syn.)  
*blatchleyi* Csiki, 1934:120. (new name for *cavicollis* Blatchley) (N. Syn.)  
*cavicollis* Blatchley, 1922:113. MI, St. Joseph. (preocc. Champion, 1902)
- maritimus* Fall, 1913:39. CA, Sta. Monica.
- merula* Suffrian, 1871:168. Cuba; FL, MA, TN, TX, VA.  
*sexualis* Casey, 1891:212. TX, Austin. (N. Syn.)
- mucidus* LeConte, 1876:158. IL; CA, IL, IN, KS, MA, NB, ND, NJ, OH, ON, PA, QB, SD, UT.  
*morulus* Blatchley, 1916:339. IN, Kosciusko Co. (N. Syn.)
- nitidulus* Casey, 1891:210. IN; AL, AR, DC, IA, IN, KS, LA, MD, MO, MS, NY, OH, PA, VA.  
*deceptus* Blatchley, 1916:341. IN, Starke Co. (N. Syn.)  
*tricristatus* Chittenden, 1930:12. IA, Iowa City. (N. Syn.)
- obesulus* Casey, 1891:211. FL, Tampa; AL, FL.  
*loedingi* Chittenden, 1930:20. AL, Mobile. (N. Syn.)
- oregonus* Casey, 1891:200. OR; TX.  
*eximius* Casey, 1891:201. TX, Austin. (N. Syn.)
- parcus* LeConte, 1876:157. CA; AB, CA, IA, IL, IN, KS, MT, NB, OK, ON, SD, TX. (Resurrected name)  
*pygmaeus* Casey, 1891:203. KS. (N. Syn.)
- perforatus* LeConte, 1876:159. CA, Ft. Tejon; CA.
- perlongus* Fall, 1913:39. AZ, Chiricahua Mts.; AZ.
- pervestitus* Chittenden, 1930:14. AZ, Phoenix; AZ, NM.
- placidus* LeConte, 1876:159. CO.
- punctinatus* LeConte, 1876:157. OH; CO, FL, IA, KS, LA, NB, NJ, OH, OK, PA, TN, TX, WI. (Resurrected name)  
*albisetiger* Chittenden, 1930:2. TX, Brownsville. (N. Syn.)  
*planicollis* Chittenden, 1930:13. IA, Iowa City. (N. Syn.)  
*elephantulus* Chittenden, 1930:24. IL, Havana. (N. Syn.)
- rubellus* Randall, 1838:41. MA, Cambridge; AB, BC, CA, IL, MA, MB, MI, NB, NT, ON, OR, PA, QB, SD, SK, UT, VT, WI, WY.  
*auctus* LeConte, 1860:57. OR. (N. Syn.)
- scrobicollis* Boheman, 1836:84. America boreal; AL, AR, CO, DC, FL, GA, IN, KS, KY, LA, MD, MI, MO, MS, NC, NJ, OH, OK, PA, SC, SD, TN, TX, VA, WV.  
*sylvius* Boheman, 1843:430. Carolina. (N. Syn.)  
*laesicollis* LeConte, 1876:160. TX.  
*acirostris* Chittenden, 1930:6. NC, Black Mts. (N. Syn.)  
*ordinatipennis* Chittenden, 1930:7. LA, Opelousas. (N. Syn.)  
*quadratipunctatus* Chittenden, 1930:8. CO, Colorado Springs. (N. Syn.)  
*quadratipunctatus* Chittenden, 1930:8. CO, Colorado Springs. (N. Syn.)  
*sylvius profundus* Chittenden, 1930:9. MO, St. Louis. (N. Syn.)  
*ivae* Chittenden, 1930:11. LA, Baton Rouge. (N. Syn.)  
*dissimilis* Chittenden, 1930:11. GA, Barnesville. (N. Syn.)
- semivittatus* Casey, 1891:207. AZ, Seligman; CO, UT.  
*perstriatus* Chittenden, 1930:5. CO, Cortez. (N. Syn.)  
*crassipunctatus* Chittenden, 1930:9. AZ, Sta. Rita Mts. (N. Syn.)
- sobrinus* Casey, 1891:205. TX; AL, DC, IL, IN, LA, TX, WI.  
*regularipennis* Chittenden, 1930:21. IN. (N. Syn.)  
*cleonoides* Chittenden, 1930:22. TX, Stamford. (N. Syn.)
- tenellus* Casey, 1891:201. TX, Ft. Worth; FL, GA, SC, TX.  
*leptosomus* Blatchley, 1914:249. FL, Sanford. (N. Syn.)
- terminalis* LeConte, 1876:157. Middle States; AB, CA, GA, IA, IL, IN,

KS, MA, MD, MO, MT, NB, NC, NY, OH, ON, PA, SC, SD, TN, TX,  
VA, WA, WI.

*blakeae* Chittenden, 1928:90. CA, Stanford. (N. Syn.)

#### UNRECOGNIZED SPECIES

*Lixus lateralis* Say, 1831:14, from Missouri is a secondary homonym of *L. lateralis* (Panzer), 1789:20 (*Curculio*). Based on Say's description, the name probably applies to *L. scrobicollis* Boh., but Say's type is lost, and positive identification is not possible.

*Lixus marginatus* Say, 1831:13. US.

*Lixus musculus* Say, 1831:14. LA.

Both of these species names have been used by authors, but the types are lost, and the descriptions are too ambiguous for positive association.

#### ADDITIONAL NOTES

*Lixus fimbriolatus* Boheman, 1836:42, Mexico, has been used by authors for *L. macer* LeConte. Although the 2 species are closely related, they are distinct. The name *L. fimbriolatus* should be removed from the U. S. lists.

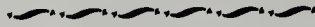
*Lixus mixtus* LeConte, 1876:416, is now *Cleonus mixtus* (LeConte), NEW COMBINATION.

*Lixus lupinus* Blatchley, 1914:248, is a synonym of *Cleonus subcylindricus* Casey, 1891: 193, NEW COMBINATION, NEW SYNONYMY.

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AN INTERESTING RECORD OF *TEMNOPSOPHUS*  
*BIMACULATUS* HORN  
(COLEOPTERA: MELYRIDAE)

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On a recent trip to Lake Superior to collect in territory from which many of LeConte's types came, I spent the night at Menominee, Michigan. At dusk on 10 July 1970 I was sweeping weeds along the shore of Lake Michigan. The only catch of interest was a series of small anthicid-like beetles about 2.5mm in length, black with humeral spots, with the base of the pronotum orange. After an extensive literature search by me, Ross Arnett took the specimens to the U.S. National Museum and decided that they were *Temnopsophus bimaculatus* Horn of the family Melyridae. It has been recorded previously from Florida and Louisiana.